

# **ACEC-DOT BRIDGE SUBCOMMITTEE**

## **Minutes of May 1, 2006 Meeting**

### **Attendees:**

Greg Perfetti, NCDOT (Co-Chair)  
Allen Raynor, NCDOT  
Lonnie Brooks, NCDOT  
Kevin Austin, BHME  
David Ruggles, Stewart Engineering (Co-Chair)  
Tim Rountree, RWA  
Tom Tallman, WSA  
Domenic Coletti HDR Engineering  
Rodney Money, TY Lin

### **I. Committee Membership**

David Ruggles and Kevin Austin roll off the committee as of this meeting. David Simpson and Peter Graf will be the new committee members and their first meeting will be August 7. Tom Tallman will be the ACEC co-chair of the committee for 2006/2007.

### **II. 2006 Outlook**

The 36 month let list will be released in June. This list will reflect the latest funding projections, which are reduced slightly from previous estimates.

### **III. Joint Training Opportunities**

There will be a LRFD substructure design seminar scheduled in the fall. This is a NHI initiative and will be open to consultants depending on availability. A date for the substructure seminar has not yet been established.

A handout was provided showing the results of the survey taken after the integral end bent workshop on March 21. The survey provided input on the integral end bent seminar and also included input on suggested topics for future seminars.

It was agreed to tentatively have a June seminar on Constructibility/Lessons learned from the field. This will provide perspectives from the contractor side and the NCDOT side. In the August/September timeframe, it was tentatively agreed to have a seminar on accelerated construction. Vessel Impact was mentioned as another possible lunchtime seminar topic.

## **IV. Bridge Policy Changes**

The following policy memos have been issued since the February meeting:

**Bridge Overlays (Revised)** – The policy for bridge overlays on box beam and cored slab bridges has been revised, including which classification of bridges gets the overlay and requirements for reinforcing steel in the overlay.

**Bridge Live Load** – All bridge girders, box beams and cored slab units are now designed for the HS-25 live loading. This includes cross frames of curved bridge structures. Other bridge components such as deck slabs and bridge bearings will continue to be designed for the HS-20 loading.

All of these memos are available on the Structure Design Web Page at:

<http://www.doh.dot.state.nc.us/preconstruct/highway/structur/polmemo/>

## **V. Design Build Unit and Status of upcoming Design-Bid-Build/Design-Build**

Design build Information is available on the Project services Unit Web page at:

[http://www.doh.dot.state.nc.us/construction/ps/altern/design\\_build/default.html](http://www.doh.dot.state.nc.us/construction/ps/altern/design_build/default.html)

## **VI. LRFD Specifications**

The implementation of LRFD by NCDOT will occur in 2007. The Structure Design Manual will be revised to be compatible with LRFD specifications in 2007.

## **VII. Next Meeting**

The next bridge subcommittee meeting will be on **Monday August 7, 2006** at 9:00 a.m. in Structure Design Conference Room B.